

Attorney Docket No. YOR920010682US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): S. Ma et al.
Docket No.: YOR920010682US1
Serial No.: 09/929,883
Filing Date: August 15, 2001
Group: 2621
Examiner: Unassigned

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature

Shirley A. Glaser

Date: December 5, 2001

Technology Center 2600

DEC 21 2001

RECEIVED

Title: Systems and Methods for Discovering
Fully Dependent Patterns

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants' attorney wishes to bring to the attention of the Patent and Trademark Office the following document listed on the accompanying Form PTO-1449. A copy of each listed document is enclosed.

U.S. Patent Documents

1. U.S. Serial No. 09/739,432 (attorney docket no. YOR920000250US1), filed in the name of J.L. Hellerstein et al. on December 18, 2000 and entitled "Systems and Methods for Discovering Partially Periodic Event Patterns".

2. U.S. Serial No. 09/918,253 (attorney docket no. YOR920000679US1), filed in the name of S. Ma et al. on July 30, 2001 and entitled "Systems and Methods for Discovering Mutual Dependence Patterns".

Other Documents

1. R. Agrawal et al., "Mining Association Rules Between Sets of Items in Large Databases," Proc. of VLDB, pp. 207-216, 1993.

2. B. Liu et al., "Mining Association Rules with Multiple Minimum Supports," Proceedings of the ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, 1999.



3. S. Brin et al., "Beyond Market Baskets: Generalizing Association Rules to Correlations," Data Mining and Knowledge Discovery, pp. 39-68, 1998.

4. E. Cohen et al., "Finding Interesting Associations without Support Pruning," ICDE, pp. 489-499, 2000.

5. J. Yang et al., "Informiner: Mining Surprising Periodic Patterns," Int'l Conf. on Knowledge Discovery and Data Mining, 2001.

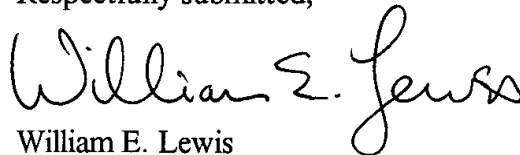
6. R. Srikant et al., "Mining sequential patterns: Generalizations and performance improvements," Proc. of the Fifth Int'l Conference on Extending Database Technology (EDBT), Avignon, France, 1996.

7. H. Mannila et al., "Discovery of frequent episodes in event sequences," Data Mining and Knowledge Discovery, 1(3), 1997.

It is believed that there is no fee due in conjunction with the filing of this Information Disclosure Statement. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **International Business Machines Corporation Deposit Account No. 50-0510** as required to correct the error.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or as an admission that the information cited is considered to be material to patentability, or as a representation that no other material information exists.

Respectfully submitted,



William E. Lewis
Attorney for Applicant(s)
Reg. No. 39,274
Ryan, Mason & Lewis, LLP
90 Forest Avenue
Locust Valley, NY 11560
(516) 759-2946

Date: December 5, 2001